MAY 0 4 2001

Applicant or Patentee: Samuel Noch, asson et al.

08/887,673 Serial or Patent No.: Pled or Issued:

July 3, 1997

PROCESS AND EQUIPMENT FOR PLASMID PURIFICATION

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS (37 CFR 1.9(d) and 1.27(c)) - SMALL BUSINESS CONCERN

declare that I am:

the owner of the small business concern identified below:

X an official of the small business concern empowered to act on behalf of the concern identified below:

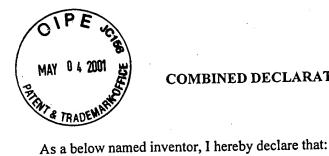
NAME OF CONCERN: ADDRESS OF CONCERN: GENEMEDICINE, INC.

8301 New Trails Drive

The Woodlands TX 77381-4248

I hereby declare that the above-identified small business concern qualifies as a small business concern as defined in 13 CFR 121.3-18, and reproduced in 37 CFR 1.9(d) for purposes of paying reduced fees under section 41(a) and (b) of Title 35, United States Code, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly,

one concern contr	ols or has the power to contr	ol the other, or a third-party or parties contro	Is or has the power to control both.
I hereby declare the to the above-entitle	at rights under contract or law ed invention, by inventor(s) <u>.\$</u>	have been conveyed to and remain with the samuel Nochumson et al. described in	mall business concern identified above with regard
X app	specification filed herewith lication serial number <u>08/88</u> ent Noi	7,673, filed July 3, 1997	
invention is listed to concern under 3.7 organization under	pelow and no rights to the inv CFR 1.9(d) or by any conc or 37 CFR 1.9(e).	vention are held by any person, other than the ern which would not qualify as a small bus	vidual, concern or organization having rights to the inventor, who could not qualify as a small business iness concern under 37 CFR 1.9(d) or a nonprofit
*NOTE: Separate to their status	arate verified statements are re s as small entities(37_CFR_1	equired from each named person, concern or o 1-27) <u>and the property of the second of </u>	organization having rights to the invention averring
NAME ADDRESS			
710 0 1120	[] INDIVIDUAL	[] SMALL BUSINESS CONCERN	[] NONPROFIT ORGANIZATION
NAME ADDRESS	[]INDIVIDUAL	[-]-SMALL-BUSINESS-CONCERN	[] NONPROFIT ORGANIZATION
NAME ADDRESS			
A D D NEOD	[]INDIVIDUAL	[] SMALL BUSINESS CONCERN	[] NONPROFIT ORGANIZATION
prior to paying, or is no longer appro	r at the time of paying, the experiate. (37 CFR 1.28(b))	arliest of the issue fee or any maintenance fee	resulting in loss of entitlement to small entity status due after the date on which status as a small entity
to be true; and fur	ther that these statements we nept or both, under Section 1	re made with the knowledge that willful false	tements made on information and belief are believed statements and the like so made are punishable by nd that such willful false statements may jeopardize ed statement is directed.
NAME OF PERSO		Josef Bossart, Ph.D. Vice President and Co	
	N OTHER THAN OWNER:	8301 New Trails Drive	
ADDRESS OF PE	RSON SIGNING:	The Woodlands TX 77381-4248	
Signature	Borrand	Date 2	-10-98



# COMBINED DECLARATION AND POWER OF ATTORNEY

ROCESS AND EC	UIPMENT FOR PLAS	SMID PURIFICATION the specificat	ion of which		
	ttached hereto.				
X was	s filed on <u>July 3, 1997</u>	as Application Serial No. <u>08/887,673</u>	and was amen	ded on	•
s amended by any a I acknowledg n accordance with I I hereby clair nventor's certificate	amendment referred to a ge the duty to disclose in Fitle 37, Code of Federa in foreign priority benefi listed below and have a that of the application o	ad understand the contents of the above above.  aformation which is material to the paterial Regulations, §1.56(a).  at its under Title 35, United States Code, also identified below any foreign appliant which priority is claimed:	entability and/or	examination of t	this applications) for patent of
Tior Whencanon(s)	•	· ·	·		
		(David Agash (Voor Filed)	Vac	No	
	(Country)	(Day/Month/Year Filed)	Yes	No	T)
Number)		(Day/Month/Year Filed) (Day/Month/Year Filed)	Yes Yes	No No	
Number) Number)	(Country)				,
Number) Number) (Number) I hereby clai	(Country) (Country)	(Day/Month/Year Filed)	Yes Yes	No No	ication(s) list
Number) (Number)	(Country) (Country) (Country) m the benefit under Title	(Day/Month/Year Filed) (Day/Month/Year Filed)	Yes Yes	No No	ication(s) list

manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior

(Status)

(Status)

application and the national or PCT international filing date of this application:

(Filing Date)

(Filing Date)

(Application Serial No.)

(Application Serial No.)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: <u>Richard J. Warburg, Esq., Registration No. 32,327</u>

Kindly recognize as associate attorney:

Roland N. Smoot, Reg. No. 18,718; Conrad R. Solum, Jr. Reg. No. 20,467; James W. Geriak, Reg. No. 20,233; Robert M. Taylor, Jr., Reg. No. 19,848; Samuel B. Stone, Reg. No. 19,297; Douglas E. Olson, Reg. No. 22,798; Robert E. Lyon, Reg. No. 24,171; Robert C. Weiss, Reg. No. 24,939; Richard E. Lyon, Jr., Reg. No. 26,300; John D. McConaghy, Reg. No. 26,773; William C. Steffin, Reg. No. 26,811; Coe A. Bloomberg, Reg. No. 26,605; J. Donald McCarthy, Reg. No. 25,119; John M. Benassi, Reg. No. 27,483; James H. Shalek, Reg. No. 29,749; Allan W. Jansen, Reg. No. 29,035; Robert W. Dickerson, Reg. No. 29,914; Roy L. Anderson, Reg. No. 30,240; David B. Murphy, Reg. No. 31,125; James C. Brooks, Reg. No. 29,898; Jeffrey M. Olson, Reg. No. 30,790; Steven D. Hemminger, Reg. No. 30,755; Jerrold B. Reilly, Reg. No. 32,293; Paul H. Meier, Reg. No. 32,274; John A. Rafter, Jr., Reg. No. 31,653; Kenneth H. Ohriner, Reg. No. 31,646; Mary S. Consalvi, Reg. No. 32,212; Bradford J. Duft, Reg. No. 32,219; Suzanne L. Biggs, Reg. No. 30,158; Steven M. Weiss, Reg. No. 37,534; Matthew W. Knight, Reg. No. 36,846; Richard J. Warburg, Reg. No. 32,327; F.T. Alexandra Mahaney, Reg. No. 37,668; Sheldon O. Heber, Reg. No. 38,179; Jeffrey W. Guise, Reg. No. 34,613; Charles S. Berkman, Reg. No. 38,077; and Anthony C. Chen, Reg. No. 38,673; of LYON & LYON LLP, 633 West Fifth Street, Suite 4700, Los Angeles, California 90071, telephone (619) 552-8400.

Address all telephone calls to Richard J. Warburg, Esq. at telephone no. 619 552-8400.

Address all correspondence to Richard J. Warburg, Esq., LYON & LYON LLP, 633 West Fifth Street, Suite 4700, Los Angeles CA 90071.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issuing thereon.

Full name of first inver	ntor Samuel Nochumson		· · ·
Inventor's signature		Date:	
	43 South Silver Crescent Circle, The Woodlands, Texas 77382		
Citizenship	U.S.A.		
Post Office Address	43 South Silver Crescent Circle, The Woodlands, Texas 77382		
•			
Full name of second ir	ventor Ross Durland		
Inventor's signature		Date:	
Residence	21 Flagstone Path, The Woodlands, Texas 77381		
Citizenship	U.S.A.		
Post Office Address	21 Flagstone Path, The Woodlands, Texas 77381		

226/260

Full name of third inv	entor Audrey Yu-Speight	11/100
Inventor's signature _	andrey la-speight	Date: 2/10/77
Residence	19 Fire Flicker Place, The Woodlands, Texas 77381	
	U.S.A.	
Post Office Address _	19 Fire Flicker Place, The Woodlands, Texas 77381	
Full name of fourth i	nventor John Welp	
Inventor's signature _		Date:
Residence	12833 Pelican Island Drive, Willis, Texas 77378	
Citizenship	U.S.A.	
Post Office Address	- 12833 Pelican Island Drive, Willis, Texas 77378	
<b></b>		
Full name of fifth inv	ventor Kuoewi Wu	
Inventor's signature		Date:
Residence	14150 Wunderlich Drive, #1708, Houston, Texas 77069	
Citizenship	Taiwan	
Post Office Address	14150 Wunderlich Drive, #1708, Houston, Texas 77069	
	nventor Rexford Hayes	
	·	
	16755 Ella Boulevard, Apt. #28, Houston, Texas 77090	
Citizenship	U.S.A.	
Post Office Address	16755 Ella Boulevard, Apt. #28, Houston, Texas 77090	



### COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

PROCESS AND EQUIPMENT FOR PLASMID PURIFICATION the specification of which

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

is att	tached hereto.				
X was	filed on <u>July 3, 1997</u>	as Application Serial No. <u>08/887.67</u>	73 and was amen	ided on	<u> </u>
I acknowledge I acknowledge In accordance with Ti I hereby claim Inventor's certificate li	mendment referred to e the duty to disclose in itle 37, Code of Feder foreign priority benefisted below and have a	and understand the contents of the about above.  Information which is material to the paral Regulations, §1.56(a).  Its under Title 35, United States Code also identified below any foreign appoint which priority is claimed:	tentability and/o	r examination of this	s application
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	ಗ್ನು ೩ ಇವ∀ಿತ
(Number)	(Country)	(Day/Month/Year Filed)	Yes	No	
below.		e 35, United States Code, §119(e) of a	nny United States	provisional applicat	tion(s) listed
60/022,157 (Application Number		July 19, 1996 (Filing Date)			
insofar as the subject manner provided by information as defin	matter of each of the the first paragraph of ed in Title 37, Code of	tle 35, United States Code, §120 of a claims of this application is not disconf Title 35, United States Code, §11 of Federal Regulations, §1.56(a) whational filing date of this application:	losed in the prior 12, I acknowled	r United States appli ge the duty to discl	cation in the ose material
(Application Serial N	No.)	(Filing Date)	(Status)		
(Application Serial N	No.)	(Filing Date)	(Status)		

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: <u>Richard J. Warburg, Esq., Registration No. 32,327</u>

### Kindly recognize as associate attorney:

Roland N. Smoot, Reg. No. 18,718; Conrad R. Solum, Jr. Reg. No. 20,467; James W. Geriak, Reg. No. 20,233; Robert M. Taylor, Jr., Reg. No. 19,848; Samuel B. Stone, Reg. No. 19,297; Douglas E. Olson, Reg. No. 22,798; Robert E. Lyon, Reg. No. 24,171; Robert C. Weiss, Reg. No. 24,939; Richard E. Lyon, Jr., Reg. No. 26,300; John D. McConaghy, Reg. No. 26,773; William C. Steffin, Reg. No. 26,811; Coe A. Bloomberg, Reg. No. 26,605; J. Donald McCarthy, Reg. No. 25,119; John M. Benassi, Reg. No. 27,483; James H. Shalek, Reg. No. 29,749; Allan W. Jansen, Reg. No. 29,035; Robert W. Dickerson, Reg. No. 29,914; Roy L. Anderson, Reg. No. 30,240; David B. Murphy, Reg. No. 31,125; James C. Brooks, Reg. No. 29,898; Jeffrey M. Olson, Reg. No. 30,790; Steven D. Hemminger, Reg. No. 30,755; Jerrold B. Reilly, Reg. No. 32,293; Paul H. Meier, Reg. No. 32,274; John A. Rafter, Jr., Reg. No. 31,653; Kenneth H. Ohriner, Reg. No. 31,646; Mary S. Consalvi, Reg. No. 32,212; Bradford J. Duft, Reg. No. 32,219; Suzanne L. Biggs, Reg. No. 30,158; Steven M. Weiss, Reg. No. 37,534; Matthew W. Knight, Reg. No. 36,846; Richard J. Warburg, Reg. No. 32,327; F.T. Alexandra Mahaney, Reg. No. 37,668; Sheldon O. Heber, Reg. No. 38,179; Jeffrey W. Guise, Reg. No. 34,613; Charles S. Berkman, Reg. No. 38,077; and Anthony C. Chen, Reg. No. 38,673; of LYON & LYON LLP, 633 West Fifth Street, Suite 4700, Los Angeles, California 90071, telephone (619) 552-8400.

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Full name of first inventor Samuel Nochumson	-
Inventor's signature Aannel Mochuman	Date: 2/10/98
Inventor's signature	Date
Residence 43 South Silver Crescent Circle, The Woodlands, Texas 77382	
Citizenship U.S.A.	
Post Office Address 43 South Silver Crescent Circle, The Woodlands, Texas 77382	
Full name of second inventor Ross Durland	
Inventor's signature / MI / e d	Date: 2/10/98
,	— , , , ,
Residence 21 Flagstone Path, The Woodlands, Texas 77381	
Citizenship U.S.A.	<u> </u>
Post Office Address 21 Flagstone Path, The Woodlands, Texas 77381	

Full name of third inve	ntor Audrey Yu-Speight	
Inventor's signature		Date:
Residence	19 Fire Flicker Place, The Woodlands, Texas 77381	
Citizenship	U.S.A.	
Post Office Address	19 Fire Flicker Place, The Woodlands, Texas 77381	
Full name of fourth in	ventor John Welp	· ·
Inventor's signature	Dewr	Date: 2/10/98
	12833 Pelican Island Drive, Willis, Texas 77378	
Citizenship	U.S.A.	
	12833 Pelican Island Drive, Willis, Texas 77378	
Full name of fifth inve	entor Kuoewi Wu	-0
Inventor's signature	Mount In	_ Date: 02/1018
	= -	
Citizenship	Taiwan	
Post Office Address _	14150 Wunderlich Drive, #1708, Houston, Texas 77069	
Full name of sixth inv	entor Rexford Hayes	1/100
ntor's signature	Wifford M. Ago Houston Toyon 77000	Date: 2/11/93
Residence	16455 Ella Boulevard, Apt. #28, Houston, Texas 77090	
Citizenship	U.S.A.	
Post Office Address	16755 Ella Boulevard, Apt. #28, Houston, Texas 77090	

(Rev. 6-93) OMB No. 0651-0011 (exp. 4/94)  PATENTS  RDATION FORM PATENTS	ratent and frademark Office			
Tab settings MAY 0 4 2001				
To the Honorable commissioner of atents and Trademarks:	Please record the attached original documents or copy thereof.			
1. Name of conveying partyles:	2. Name and address of receiving party(ies)			
Samuel Nochumson Ross Durland Audrey Yu-Speight John Welp Kuoewi Wu Rexford Hayes	GENEMEDICINE, INC. 8301 New Trails Drive The Woodlands, TX 77381-4248			
Additional name(s) of conveying party(ies) attached?   Yes No				
3. Nature of conveyance:  X Assignment	Additional name(s) & address(es) attached?   Yes No   No			
Execution Date: 11 February, 1998 and 16 February, 1998				
<ul> <li>4. Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application, the execution date of the application is:</li> <li>A. Patent Application No.(s)</li> <li>B. Patent No.(s)</li> <li>08/887,673</li> </ul>				
Additional numbers atta	ched? ☐ Yes No ☒			
<ol><li>Name and address of party to whom correspondence concerning document should be mailed:</li></ol>	6. Total number of applications and patents involved: 1			
Name: Richard J. Warburg	7. Total fee (37 C.F.R. 3.41)\$40.00			
LYON & LYON LLP	_X_ Enclosed			
	Authorized to be charged to Deposit Account			
Street Address: 633 West Fifth Street  Suite 4700	8. Deposit account number:			
City: <u>Los Angeles</u> State: <u>CA</u> Zip: <u>90071-2066</u>	12-2475			
DO NOT U	SE THIS SPACE			
9. Statement and signature.  To the best of my knowledge and belief, the foregoing a true copy of the original document.	ing information is true and correct and any attached copy is $3-5-9\%$			
Charles S. Berkman Name of Person Signing Sig	Inature Date			

### **ASSIGNMENT**

For valuable consideration, we, Samuel Nochumson of The Woodlands, Texas; Ross Durland of The Woodlands, Texas; Audrey Yu-Speight of The Woodlands, Texas; John Welp of Willis, Texas; Kuoewi Wu of Houston, Texas; and Rexford Hayes of Houston, Texas, hereby assign to GENEMEDICINE, INC., a Delaware corporation having a place of business at 8301 New Trails Drive, The Woodlands, Texas 77381, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent filed on July 3, 1997, U.S. Serial No. 08/887,673, entitled PROCESS AND EQUIPMENT FOR PLASMID PURIFICATION, this assignment including said application, any and all United States and foreign patents granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

this I'm day of Fibruary 1998.  State of The Samuel Nochumson  In Samuel Nochumson  In State of The Samuel Nochumson  In State of
State of Life :  County of Montgrowy:  Before me this II day of February, 1998, personally appeared Samuel Nochumson known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.  [Notary's  Seal Here]  Notary Public, State of Texas My Commission Expires  My commission expires: 3-24-01  IN WITNESS WHEREOF, I hereto set my hand and seal at My Machines, Tx  this Ith day of Fibruary, 1998.
State of Sta
State of Sta
Before me this IL day of February, 1998, personally appeared Samuel Nochumson known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.  [Notary's Seal Here]    JENNIFER SHORT   Notary Public, State of Texas   My Commission Expires   3.24-01
Before me this I day of February, 1998, personally appeared Samuel Nochumson known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.  [Notary's Seal Here] Notary Public, State of Texas My Commission Expires 3-24-01  My commission expires: 3-24-01  IN WITNESS WHEREOF, I hereto set my hand and seal at The washinds, Tx this Ith day of Fibrury, 1998.
Intervise Seal Here  In WITNESS WHEREOF, I hereto set my hand and seal at The Machines, Tx this Ith day of Filling., 1998.  In with the executed the same as his free act and deed for the purposes therein contained.  Notary Public, State of Texas My Commission Expires  3-24-01  In WITNESS WHEREOF, I hereto set my hand and seal at The Machines, Tx this Ith day of Filling., 1998.
[Notary's Seal Here]  Notary Public, State of Texas My Commission expires: 3-24-01  IN WITNESS WHEREOF, I hereto set my hand and seal at The Machines, Tx this 1th day of February, 1998.
[Notary's Seal Here]  Notary Public, State of Texas My Commission Expires 3-24-01  IN WITNESS WHEREOF, I hereto set my hand and seal at The washinds, Tx this 1th day of Fibrury, 1998.  Ross Durland
Notary Public, State of Texas My Commission Expires 3-24-01  My commission expires: 3-24-01  IN WITNESS WHEREOF, I hereto set my hand and seal at The washinds, Tx  this Ith day of Filency, 1998.  Ross Durland
Notary Public, State of Texas My Commission Expires 3-24-01  My commission expires: 3-24-01  IN WITNESS WHEREOF, I hereto set my hand and seal at The washinds, Tx  this Ith day of Filency, 1998.  Ross Durland
Notary Public, State of Texas My Commission Expires 3-24-01  My commission expires: 3-24-01  IN WITNESS WHEREOF, I hereto set my hand and seal at The washinds, Tx  this Ith day of Filency, 1998.  Ross Durland
My commission expires: 3.24.01  IN WITNESS WHEREOF, I hereto set my hand and seal at The headlands, Tx  this 1th day of Filency, 1998.  Ross Durland
IN WITNESS WHEREOF, I hereto set my hand and seal at <u>Re was Unds</u> , <u>TX</u> this <u>IHA</u> day of <u>February</u> , 1998.  Ross Durland
this 1th day of Fileury, 1998.  Ross Durland
this 1th day of Fileury, 1998.  Ross Durland
this 1th day of Fileury, 1998.  Ross Durland
Ross Durland
County of Managements: ss.
- 1 I Gabriera 1000 will be a Distance Distance of the Control of
Before me this <u>II</u> day of <u>Februar</u> , 1998, personally appeared <u>Ross Durland</u> known to me to be the person whose name is subscribed to the foregoing Assignment and
acknowledged that he executed the same as his free act and deed for the purposes therein
contained.
Since michael

My commission expires: 3.24.01

Notary Public

JENNIFER SHORT
Notary Public, State of Texas
My Commission Expires
3-24-01

[Notary's

Seal Here]

Audrey Yu-Speight  State of :	
State of :	
State of :	
Before me this day of, 1998, personally appeared <u>Audrey Yu</u> known to me to be the person whose name is subscribed to the foregoing Assignmacknowledged that he executed the same as his free act and deed for the purposes	
Before me this day of, 1998, personally appeared <u>Audrey Yu</u> known to me to be the person whose name is subscribed to the foregoing Assignmacknowledged that he executed the same as his free act and deed for the purposes	
Before me this day of, 1998, personally appeared <u>Audrey Yu</u> known to me to be the person whose name is subscribed to the foregoing Assignmacknowledged that he executed the same as his free act and deed for the purposes	
known to me to be the person whose name is subscribed to the foregoing Assignmacknowledged that he executed the same as his free act and deed for the purposes	
	nent and
[Notary's Notary Public	
Seal Here]  My commission expires:	
IN WITNESS WHEREOF, I hereto set my hand and seal at <u>Me Woollands</u> , <u>TK</u> this <u>IM</u> day of <u>Fsharen</u> , 1998.	<u>.</u>
State of Levas : John Welp	
State of <u>leval</u> :  State of <u>Mantamery</u> :  ss.	
Before me this day of February 1998, personally appeared John Well to me to be the person whose name is subscribed to the foregoing Assignmacknowledged that he executed the same as his free act and deed for the purpose contained.	nent and
[Notary's Seal Here]  JENNIFER SHORT Notary Public, State of Texas My Commission Expires  3-24-01  Notary Public  My commission expires: 3-2	4-01

IN WITNESS WH	EREOF, I hereto set my hand a	and seal at <u>The Warlinds</u> , _	TX
this 11th day of	February, 1998.		,
	0		./
		Kuoewi Wu	OUL
State of Turas  County of Mon	<u> </u>	Kuoewi wu	
County of Man	tzmarz: ss.	· .	
Refore me	this 11 day of February	1998, personally appeared K	Joewi Wu known
to me to be th	ne person whose name is $\theta_s$	ubscribed to the foregoing	Assignment and
acknowledged th	nat he executed the same as I	his free act and deed for the	purposes therein
contained.		$\sim$ $\sim$ $\sim$	
		Amum X	<del></del>
[Notary's		Notary Public	
Seal Here]	JENNIFER SHORT Notary Public, State of Texas		
	My Commission Expires	My commission exp	ires: 3.24.01
,			
÷ .			
IN WITNESS WE	HEREOF, I hereto set my hand	and seal at The Wasdings,	TX
this / day of	February , 1998.		11
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State of Touron	) .	Kextord Hayes	
State of Lyou  County of Man	SS.	-	
County of MAY	teonury.	÷	
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	II Falmara	Ma < 1000	ad Dayford Hayes
Before m	e this <u>11</u> day of <u>Februa</u> be the person whose name	is subscribed to the foregoing	ed <u>Rexiord Flayes</u> Assignment and
acknowledged t	hat he executed the same as	his free act and deed for the	purposes therein
contained.		1 ((	1
		Louis X	
		NKA Dublia	NO
[Notary's	JENNIFER SHORT	Notary Public	
Seal Here]	Notary Public, State of Texas My Commission Expires 3-24-01	My commission exp	oires: 3.24.01
	No. of the last of	U	

### **ASSIGNMENT**

For valuable consideration, we, Samuel Nochumson of The Woodlands, Texas; Ross Durland of The Woodlands, Texas; Audrey Yu-Speight of The Woodlands, Texas; John Welp of Willis, Texas; Kuoewi Wu of Houston, Texas; and Rexford Hayes of Houston, Texas, hereby assign to GENEMEDICINE, INC., a Delaware corporation having a place of business at 8301 New Trails Drive, The Woodlands, Texas 77381, and its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are the subject of an application for United States Patent filed on July 3, 1997, U.S. Serial No. 08/887,673, entitled PROCESS AND EQUIPMENT FOR PLASMID PURIFICATION, this assignment including said application, any and all United States and foreign patents granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this Assignment.

IN WITNESS WHEREOF, I hereto set my hand and	seal at,
this, day of, 1998.	
	·
	Samuel Nochumson
State of :	Samuel Nochumson
SS.	
County of:	
Before me this day of, 199 known to me to be the person whose name is stacknowledged that he executed the same as his contained.	8, personally appeared <u>Samuel Nochumson</u> ubscribed to the foregoing Assignment and free act and deed for the purposes therein
_	
[Notary's	Notary Public
Seal Here]	
	My commission expires:
IN WITNESS WHEREOF, I hereto set my hand and	d seal at,
this, 1998.	
Change of	Ross Durland
State of : ss.	
County of:	*
e e	
Before me this day of, 19 to me to be the person whose name is sub acknowledged that he executed the same as his contained.	98, personally appeared <u>Ross Durland</u> known scribed to the foregoing Assignment and free act and deed for the purposes therein
Contained.	
	Nieders D. I.C.
[Notary's	Notary Public
Seal Here]	
•	My commission expires:

IN WITNESS WHEREOF, I h	ereto set my hand and seal	at College Station, Terfas
this 16 day of Februs	1998.	
/,	/	anong In tredut
and Andrews	•	Audrey Yu-Speight
State of Jerfas	SS.	
County of Brayes	:	
known to me to be the per	rson whose name is subscr	personally appeared <u>Audrey Yu-Speight</u> ibed to the foregoing Assignment and
acknowledged that he exect contained.	cuted the same as his free	act and deed for the purposes therein
		Walker Hordon
[Notary's		Notary Public
Seal Here]		My commission expires:
•		My commission expires: のスーパークス
IN WITNESS WHEREOF, I this day of	hereto set my hand and sea , 1998.	at,
·		Inha Wala
State of	:	John Welp
<del></del> .	SS.	
County of	•	
Defense mee this	day of 1998	personally appeared <u>John Welp</u> known
to me to be the person	whose name is subscrib	ed to the foregoing Assignment and act and deed for the purposes therein
<u>*</u>		N. A D. h.l.
[Notary's Seal Here]		Notary Public
		My commission expires:

•	
	Kuoewi Wu
State of :	
SS.	
County of:	
•	
Before me this day of, to me to be the person whose name is s acknowledged that he executed the same as b contained.	, 1998, personally appeared <u>Kuoewi Wu</u> know ubscribed to the foregoing Assignment an his free act and deed for the purposes therei
[Notary's	Notary Public
Seal Here]	My commission expires:
	المالية المستسبة المالية المستسبة المالية المستسبة المالية المستسبة المالية المستسبة المالية المستسبة المالية
IN WITNESS WHEREOF, I hereto set my hand	and seal at,,
this, 1998.	
	D ( 111
	Rexford Hayes
State of : ss.	
County of:	
Before me this day of	, 1998, personally appeared Rexford Hay
known to me to be the person whose name acknowledged that he executed the same as contained.	is subscribed to the foregoing Assignment a
	·
[Notary's	Notary Public
Seal Here]	My commission expires:
	1. I a a a a minor

U.S. DEPARTMENT OF COMMERCE RECORDATION FORM COVER SHEET Patent and Trademark Office **FORM PTO-1595** 1-31-92 PATENTS ONLY Docket No. 207/073 & TRADE To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. 2. Name and address of receiving party: Name of conveying party(ies): Name: Valentis, Inc. GeneMedicine, Inc. Additional name(s) of conveying party(ies) attached? Internal Address: ☐ Yes 🖾 No Nature of conveyance: City: \_\_\_\_\_State: \_\_\_\_ Zip: \_\_\_\_ ☐ Assignment ☐ Security Agreement Street Address: 863A Mitten Road ☐ Other
☐ City: Burlingame State: CA Zip: 94010 Execution Date: March 18, 1999 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: B. Patent No(s).: \_\_\_\_\_ Patent Application No(s).: 08/225,840 Additional numbers attached? 

☐ Yes ☐ No 6. Total number of applications and patents involved: 21 Name and address of party to whom correspondence concerning document should be mailed: \$840.00 7. Total fee (37 CFR 3.41): Name: Michael J. Wise Internal Address: LYON & LYON LLP Charge this Deposit Account if any additional fe is 633 West Fifth Street, Suite 4700 required Los Angeles, CA 90071-2066 Deposit Account Number: 12-2475 DO NOT USE THIS SPACE Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Total number of pages including cover sheet: 8 OMB No. 0651-0011 (exp. 4/94)

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Director — U.S. Patent and Trademark Office

Box Assignments

Washingt n, D.C. 20231

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## Continuation of Recordation Form Cover Sheet For GeneMedicine, Inc. – Valentis, Inc.

# Merger/Change of Name

Additional number(s) or patent number(s) for Section 4.A. & 4B.

Section 4.A.  Patent Application No.	Attorney Docket No. 236/006
09/122,171 08/798,974	224/084
09/070,896	234/167
09/149,721	237/023
09/115,407	235/238
09/189,329	239/053
08/887,673	226/260
08/974,572	230/185
08/948,958	226/284
09/754,014	260/056
08/949,160	226/285
09/212,768	239/048
09/018,748	230/109
09/760,417	260/189
09/774,284	260/243

# Section 4.B.

Patent Serial No.	Attorney Docket No.
5,763,270	213/087
6,103,470	230/204
6,034,072	230/214
6,040,295	210/190
6,184,037	224/177

# MAY 0 4 2001 W

# State of Delaware

# Office of the Secretary of State PAGE 1

I, EDWARD J. FREEL, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"MONTANA ACQUISITION SUB, INC.", A DELAWARE CORPORATION,
WITH AND INTO "GENEMEDICINE, INC." UNDER THE NAME OF
"VALENTIS, INC.", A CORPORATION ORGANIZED AND EXISTING UNDER THE
LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS
OFFICE THE EIGHTEENTH DAY OF MARCH, A.D. 1999, AT 3 O'CLOCK P.M.



Edward J. Freel, Secretary of State

AUTHENTICATION:

9972539

DATE:

09-16-99

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991386928.

FAX NO. 3027341476 STATE OF DELAWRENCE SECRETARY OF STATE DIVISION OF CORPORATIONS FILED 03:00 PM 03/18/1999 991106216 - 2283820



# CERTIFICATE OF MERGER MERGING MONTANA ACQUISITION SUB, INC., A DELAWARE CORPORATION WITH AND INTO GENEMEDICINE, INC., A DELAWARE CORPORATION

Pursuant to Section 251 of the General Corporation Law of the State of Dolaware

GeneMedicine, Inc., a Delaware corporation ("GeneMedicine"), does hereby certify as follows:

FIRST: Each of the constituent corporations, GeneMedicine and Montana Acquisition Sub, Inc., a Delaware corporation ("Montana"), is a corporation duly organized and existing under the Delaware General Corporation Law (the "DGCL").

SECOND: An Agreement and Plan of Merger and Reorganization (the "Reorganization Agreement"), dated October 24, 1998, as amended, setting forth the terms and conditions of the merger of Montana with and into GeneMedicine (the "Merger"), has been approved, adopted, certified, executed and acknowledged by each of the constituent corporations in accordance with the requirements of Section 251 of the DGCL.

THIRD: The name of the surviving corporation is Geue Medicine, Inc. (the "Surviving Corporation") which shall be changed to Valentis, Inc.

FOURTH: The Surviving Corporation's original Certificate of Incorporation was filed on January 2, 1992 under the name "Vector Therapeutics, Inc."

FIFTH: The Restated Certificate of Incorporation of the Surviving Corporation is amended and restated to read in its entirety as set forth in Exhibit A hereto.

SIXTH: An executed copy of the Reorganization Agreement is on file at the principal place of business of the Surviving Corporation at the following address:

GeneMedicine, Inc. 8301 New Trails Drive The Woodlands, TX 77381

SEVENTH: An executed copy of the Reorganization Agreement will be furnished by the Surviving Corporation, on request and without cost, to any stockholder of either constituent corporation

EIGHTH: The Merger shall become effective upon the filing of this Certificate of Merger with the Secretary of State of the State of Delaware.

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FROH

T-252 P. 04 F-887

IN WITNESS WHEREOF, GeneMedicine has caused this Certificate of Merger to be executed in its corporate name as of the 18th day of March, 1999.

GENEMIEDICINE, INC.

\_By

Stanley T. Crooke, Chairman

ATTEST:

Richard A. Waldron, Socretary

### EXHIBIT A

# AMENDED AND RESTATED CERTIFICATE OF INCORPORATION OF

VALENTIS, INC., a Delaware corporation

Ī.

The name of this corporation is VALENTIS, INC.

u.

The address of the registered office of the corporation in the State of Delaware is 1013 Centre Road, City of Wilmington, County of New Castle, and the name of the registered agent of the corporation in the State of Delaware at such address is Corporation Service Company.

Ш.

The purpose of this corporation is to engage in any lawful act or activity for which a corporation may be organized under the General Corporation Law of the State of Delaware.

IV.

This corporation is authorized to issue only one class of stock, to be designated Common Stock. The total number of shares of Common Stock presently authorized is one hundred (100), each having a par value of one-tenth of one cent (\$0.001).

v

The management of the business and the conduct of the affairs of the corporation shall be vested in its Board of Directors. The number of directors which shall constitute the whole Board of Directors shall be fixed by the Board of Directors in the manner provided in the Bylaws.

#### VI.

- A. A director of the corporation shall not be personally liable to the corporation or its stockholders for monetary damages for any breach of fiduciary duty as a director, except for liability (i) for any breach of the director's duty of loyalty to the corporation or its stockholders, (ii) for acts or omissions not in good faith or which involve intentional misconduct or a knowing violation of law (iii) under Section 174 of the Delaware General Corporation Law, or (iv) for any transaction from which the director derived an improper personal benefit. If the Delaware General Corporation Law is amended after approval by the stockholders of this Article to authorize corporate action further eliminating or limiting the personal liability of directors, then the liability of a director shall be eliminated or limited to the fullest extent permitted by the Delaware General Corporation Law, as so amended.
- B. Any repeal or modification of this Article VI shall be prospective and shall not affect the rights under this Article VI in effect at the time of the alleged occurrence of any act or omission to act giving rise to liability or indemnification.

#### VII.

The corporation reserves the right to amend, alter, change or repeal any provision contained in this Certificate of Incorporation, in the manner now or hereafter prescribed by statute, and all rights conferred upon the stockholders herein are granted subject to this reservation.